

Please replace the Abstract of the Disclosure with the following:

**Abstract of the Disclosure**

The present invention relates to a process for preparing 2,5-disubstituted 3-alkyl-thiophenes and more particularly to a process for preparing them that comprises an acylation reaction in position 5 of 2-substituted 3-alkylthiophenes. This process does not need reagents which are difficult to handle and does not need anhydrous conditions or inert atmosphere. The resulting product is obtained in high purity.